

**INTERNATIONALER RECHERCHENBERICHT**

Angaben zu Veröffentlichungen, die zur selben Patentfamilie gehören

Internationales Aktenzeichen

PC/EP2005/001252

Im Recherchenbericht angeführtes Patentdokument		Datum der Veröffentlichung		Mitglied(er) der Patentfamilie		Datum der Veröffentlichung
WO 9401448	A	20-01-1994	US	6172208 B1		09-01-2001
WO 9721452	A	19-06-1997	KEINE			
WO 03070772	A	28-08-2003	AU CA CN DE EP JP US	2003212255 A1 2473068 A1 1625569 A 10207072 A1 1476470 A1 2005529192 T 2005065113 A1		09-09-2003 28-08-2003 08-06-2005 28-08-2003 17-11-2004 29-09-2005 24-03-2005
WO 02080979	A	17-10-2002	BG BR CA CN CZ DE EP HU JP MX NO NZ PL US ZA	108274 A 0208126 A 2441442 A1 1498115 A 20032430 A3 10112825 A1 1372735 A2 0303511 A2 2004525170 T PA03008218 A 20034095 A 528251 A 366456 A1 2005063943 A1 200306363 A		31-08-2004 02-03-2004 17-10-2002 19-05-2004 12-11-2003 02-10-2002 02-01-2004 28-01-2004 19-08-2004 10-03-2004 04-11-2003 24-12-2004 07-02-2005 24-03-2005 13-07-2004
US 3720663	A	13-03-1973	CA DE FR GB JP NL	961488 A1 2230884 A1 2143316 A1 1345120 A 53015111 B 7208546 A		21-01-1975 11-01-1973 02-02-1973 30-01-1974 22-05-1978 28-12-1972
DE 10254745	A1	03-06-2004	KEINE			
DE 10302520	A1	05-08-2004	EP WO	1587842 A1 2004065425 A1		26-10-2005 05-08-2004
WO 2004050710	A	17-06-2004	AU BR CA DE EP	2003288218 A1 0316493 A 2504799 A1 10256558 A1 1567558 A2		23-06-2004 11-10-2005 17-06-2004 16-09-2004 31-08-2005

**INTERNATIONAL SEARCH REPORT**

International Application No

PCT/EP2005/001252

**A. CLASSIFICATION OF SUBJECT MATTER**  
A61K47/48

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, CHEM ABS Data, EMBASE, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94/01448 A (PHARMAGENICS, INC) 20 January 1994 (1994-01-20) page 10, paragraph 1 page 13, paragraph 5 – page 14, paragraph 1; claims 1,16; example 8	1,3-5,8, 9,16-23
X	WO 97/21452 A (ADVANCED MAGNETICS, INC) 19 June 1997 (1997-06-19) abstract; claims 6,7,9; figure 1C; examples 7,23,38; table 2	23
Y	WO 03/070772 A (SUPRAMOL PARENTERAL COLLOIDS GMBH; SOMMERMEYER, KLAUS) 28 August 2003 (2003-08-28) page 7, paragraph 4 page 8, paragraph 3	1-22
X	page 11, paragraph 3; claim 19	23
	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

\*I\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the International search

19 December 2005

Date of mailing of the International search report

28/12/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Gonzalez Ramon, N

INTERNATIONALER RECHERCHENBERICHT

Internationales Aktenzeichen

PC/EP2005/001252

C.(Fortsetzung) ALS WESENTLICH ANGESEHENE UNTERLAGEN		
Kategorie*	Bezeichnung der Veröffentlichung, soweit erforderlich unter Angabe der in Betracht kommenden Teile	Betr. Anspruch Nr.
Y	WO 02/080979 A (FRESENIUS KABI DEUTSCHLAND GMBH; SOMMERMAYER, KLAUS; EICHNER, WOLFRAM;) 17. Oktober 2002 (2002-10-17)	1-22
X	Seite 11, Zeilen 23-26; Anspruch 4 Seite 13, Zeilen 4-10; Ansprüche 7-9, 55-60, 67-71; Beispiel 7	23
Y	HAGINAKA J ET AL: "Separation of enantiomers on a chiral stationary phase based on ovoglycoprotein - I. Influences of the pore size of base silica materials and bound protein amounts on chiral resolution" JOURNAL OF CHROMATOGRAPHY A, ELSEVIER, AMSTERDAM, NL, Bd. 773, Nr. 1-2, 27. Juni 1997 (1997-06-27), Seiten 85-91, XP004125495 ISSN: 0021-9673 Abbildung 1	1-22
A	US 3 720 663 A (TESSLER M, US) 13. März 1973 (1973-03-13) Zusammenfassung Spalte 4; Beispiele 4,6	1-22
P, Y	DE 102 54 745 A1 (SUPRAMOL PARENTERAL COLLOIDS GMBH) 3. Juni 2004 (2004-06-03) Seite 2, Spalte 2 - Seite 3, Spalte 1; Beispiel 1 Zusammenfassung	1-22
P, Y	DE 103 02 520 A1 (SUPRAMOL PARENTERAL COLLOIDS GMBH) 5. August 2004 (2004-08-05) Ansprüche 1,7; Beispiel 1 Zusammenfassung	1-22
P, Y	WO 2004/050710 A (SUPRAMOL PARENTERAL COLLOIDS GMBH; SOMMERMAYER, KLAUS) 17. Juni 2004 (2004-06-17) Seite 11, Absatz 3-5; Anspruch 19; Beispiele 3,5	1-22

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/001252

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/080979 A (FRESENIUS KABI DEUTSCHLAND GMBH; SOMMERMAYER, KLAUS; EICHNER, WOLFRAM;) 17 October 2002 (2002-10-17) page 11, lines 23-26; claim 4 page 13, lines 4-10; claims 7-9, 55-60, 67-71; example 7	1-22
X		23
Y	HAGINAKA J ET AL: "Separation of enantiomers on a chiral stationary phase based on ovoglycoprotein - I. Influences of the pore size of base silica materials and bound protein amounts on chiral resolution" JOURNAL OF CHROMATOGRAPHY A, ELSEVIER, AMSTERDAM, NL, vol. 773, no. 1-2, 27 June 1997 (1997-06-27), pages 85-91, XP004125495 ISSN: 0021-9673 figure 1	1-22
A	US 3 720 663 A (TESSLER M, US) 13 March 1973 (1973-03-13) abstract column 4; examples 4,6	1-22
P, Y	DE 102 54 745 A1 (SUPRAMOL PARENTERAL COLLOIDS GMBH) 3 June 2004 (2004-06-03) page 2, column 2 - page 3, column 1; example 1 abstract	1-22
P, Y	DE 103 02 520 A1 (SUPRAMOL PARENTERAL COLLOIDS GMBH) 5 August 2004 (2004-08-05) claims 1,7; example 1 abstract	1-22
P, Y	WO 2004/050710 A (SUPRAMOL PARENTERAL COLLOIDS GMBH; SOMMERMAYER, KLAUS) 17 June 2004 (2004-06-17) page 11, paragraph 3-5; claim 19; examples 3,5	1-22

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2005/001252

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9401448	A	20-01-1994	US	6172208 B1		09-01-2001
WO 9721452	A	19-06-1997	NONE			
WO 03070772	A	28-08-2003	AU	2003212255 A1		09-09-2003
			CA	2473068 A1		28-08-2003
			CN	1625569 A		08-06-2005
			DE	10207072 A1		28-08-2003
			EP	1476470 A1		17-11-2004
			JP	2005529192 T		29-09-2005
			US	2005065113 A1		24-03-2005
WO 02080979	A	17-10-2002	BG	108274 A		31-08-2004
			BR	0208126 A		02-03-2004
			CA	2441442 A1		17-10-2002
			CN	1498115 A		19-05-2004
			CZ	20032430 A3		12-11-2003
			DE	10112825 A1		02-10-2002
			EP	1372735 A2		02-01-2004
			HU	0303511 A2		28-01-2004
			JP	2004525170 T		19-08-2004
			MX	PA03008218 A		10-03-2004
			NO	20034095 A		04-11-2003
			NZ	528251 A		24-12-2004
			PL	366456 A1		07-02-2005
			US	2005063943 A1		24-03-2005
			ZA	200306363 A		13-07-2004
US 3720663	A	13-03-1973	CA	961488 A1		21-01-1975
			DE	2230884 A1		11-01-1973
			FR	2143316 A1		02-02-1973
			GB	1345120 A		30-01-1974
			JP	53015111 B		22-05-1978
			NL	7208546 A		28-12-1972
DE 10254745	A1	03-06-2004	NONE			
DE 10302520	A1	05-08-2004	EP	1587842 A1		26-10-2005
			WO	2004065425 A1		05-08-2004
WO 2004050710	A	17-06-2004	AU	2003288218 A1		23-06-2004
			BR	0316493 A		11-10-2005
			CA	2504799 A1		17-06-2004
			DE	10256558 A1		16-09-2004
			EP	1567558 A2		31-08-2005